1	What is claimed is:			
2	1. A method for mapping procedural code to object-oriented classes,			
3	comprising:			
4	starting a graphical user interface ("GUI") in a procedural			
5	programming language process space, wherein a user enters a command			
6	through the GUI;			
7	initializing a mapping layer in an object-oriented programming			
8	language process space, wherein the mapping layer comprises entry-points			
9	that have corresponding algorithms that invoke object-oriented class			
10	instantiation methods and/or remote method invocations ("RMIs");			
11	executing a GUI callback in response to the command, wherein the			
12	GUI callback comprises procedural code and wherein executing a GUI			
13	callback in response to the command comprises:			
14	invoking one of the entry-points; and			
15	the mapping layer executing an algorithm corresponding to the			
16	invoked entry-point.			
17				
18	2. The method of claim 1, wherein executing the algorithm comprises invoking			
19	a class instantiation method.			
20				
21	3. The method of claim 1, wherein executing the algorithm comprises invoking			
22	an RMI.			
23				
24	4. The method of claim 1, wherein the procedural programming language is			
25	C++.			
26				
27	5. The method of claim 1, wherein the object-oriented programming language			
28	is Java.			
29				
30	6. The method of claim 5, wherein the mapping layer is accessed through a			
31	Java Native Interface ("JNI") and invoking one of the entry-points comprises:			
32	invoking a JNI application programming interface ("API") call,			
33	wherein the JNI API call invokes one of the entry-points.			
21				

1	7.	The method of claim 6, wherein the mapping layer is proxied in the		
2	procedural programming language process space by a proxy object that includes			
3	proxy	proxy object methods corresponding to the entry-points, and executing a GUI		
4	callback further comprises:			
5		invoking one of the proxy object methods, wherein the invoked		
6		proxy object method performs the invoking one of the entry-points step.		
7				
8	8.	The method of claim 1, wherein the entry-points are methods of the mapping		
9	layer.			
10				
11	9.	The method of claim 1, further comprising returning data to the procedural		
12	progra	amming language process space.		
13				
14	10.	A computer readable medium containing instructions for mapping		
15	procedural code to object-oriented classes, by:			
16		starting a graphical user interface ("GUI") in a procedural		
17		programming language process space, wherein a user enters a command		
18		through the GUI;		
19		initializing a mapping layer in an object-oriented programming		
20		language process space, wherein the mapping layer comprises entry-points		
21		that have corresponding algorithms that invoke object-oriented class		
22		instantiation methods and/or remote method invocations ("RMIs");		
23		executing a GUI callback in response to the command, wherein the		
24		GUI callback comprises procedural code and wherein executing a GUI		
25		callback in response to the command comprises:		
26		invoking one of the entry-points; and		
27		the mapping layer executing an algorithm corresponding to the		
28		invoked entry-point.		
29				
30	11.	The computer readable medium of claim 10, wherein executing the		
31	algo	rithm comprises invoking a class instantiation method.		
32				
33	12.	The computer readable medium of claim 10, wherein executing the		
34	algo	rithm comprises invoking an RMI.		

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1					
2	13. The computer readable medium of claim 10, wherein the procedural				
3	programming language is C++.				
4					
5	14. The computer readable medium of claim 10, wherein the object-oriented				
6	programming language is Java.				
7					
8	15. The computer readable medium of claim 14, wherein the mapping layer is				
9	accessed through a Java Native Interface ("JNI") and invoking one of the entry-				
10	points comprises:				
11	invoking a JNI application programming interface ("API") call,				
12	wherein the JNI API call invokes one of the entry-points.				
13					
14	16. A computer system that enables the mapping of procedural code to object-				
15	oriented classes, comprising:				
16	a memory;				
17	a processor that runs an application, wherein the application				
18	generates:				
19	a graphical user interface ("GUI") in a procedural				
20	programming language process space, wherein users enter				
21	commands through the GUI; and,				
22	a mapping layer in an object-oriented programming language	ţе			
23	process space, wherein the mapping layer comprises entry-points th	at			
24	have corresponding algorithms that invoke object-oriented class				
25	instantiation methods and/or remote method invocations ("RMIs").				
26					
27	17. The computer system of claim 16, wherein the GUI executes callback code	;			
28	in response to an entered command and the executed callback code invokes one of	·			
29	the mapping layer entry-points.				
30					
31	18. The computer system of claim 16, wherein the entry-points are mapping				
32	layer methods that are accessed from the procedural programming language procedural	SS			
33	space though application programming interface ("API") calls.				
34					

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1	19.	The computer system of claim 16, wherein the procedural programming	
2	language is C++.		
3			
4	20.	The computer system of claim 16, wherein the object-oriented programming	
5	language is Java and the object-oriented programming language process space is a		
6	Java Virtual Machine		